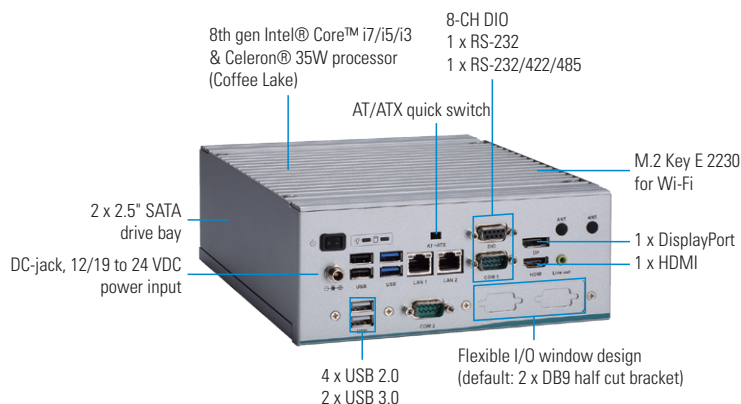


# eBOX640-521-FL NEW

Fanless Embedded System with LGA1151 Socket 8th Gen Intel® Core™ & Celeron® Processor, Intel® H310, HDMI, DisplayPort, 6 USB, 2 COM, 2 COM and 8-CH DI/DO

## Features

- LGA1151 socket 8th gen Intel® Core™ i7/i5/i3 & Celeron® processor (Coffee Lake)
- Supports 2 COM, 6 USB and 8-CH DI/DO
- Two 2.5" SATA drive bay
- M.2 Key E 2230 for Wi-Fi
- Front I/O connectivity design
- 12/19 to 24 VDC power input via DC-Jack
- Flexible I/O window supported



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	LGA1151 socket 8th gen Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 35W)
System Memory	2 x 260-pin DDR4-2400 SO-DIMM, up to 32GB
Chipset	Intel® H310
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 1 x RS-232 2 x 10/100/1000Mbps Ethernet (Intel® i219V-LM, i211-AT) 2 x USB 3.0 4 x USB 2.0 1 x Audio (Line-out) 1 x DisplayPort 1 x HDMI 1 x DC-jack power input 1 x 8-CH DIO (4-in/4-out) 4 x SMA-type antenna connector 1 x Flexible I/O window
Watchdog Timer	255 levels, 1 to 255 sec.
Storage	2 x 2.5" SATA HDD drive bay (max. up 9.5 mm height)
Expansion Interface	1 x Full-size PCI-Express Mini Card slot (PCIe + SATA + USB) 1 x M.2 Key E 2230 (for Wi-Fi)
TPM	TPM 2.0
System Indicator	1 x Green for system power 1 x Orange LED for HDD active
Power Input	12/19 to 24 VDC, 9.02 - 5.2A
Operating Temperature	-10°C to +50°C (14°F to 122°F) (with W.T. SSD/DRAM)
Humidity	10% - 90%, non-condensing
Vibration Endurance	IEC 60068-2-64 (w/SSD: 3Grms STD, random, 5 - 500 Hz, 1 hr/axis)
Shock Vibration	IEC 60068-2-27 (w/SSD: 50G@wall mount, half sine, 11 ms duration)
Dimensions	195 mm (7.67") (W) x 210.3 mm (8.27") (D) x 80 mm (3.14") (H)
Weight (net/gross)	3 kg (6.61 lb)/3.6 kg (7.94 lb)
Certifications	CE, FCC Class A
EOS Support	Win 10 IoT, Linux

\* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## Packing List

- 1 x Screw pack
- 4 x Foot pad

## Power Protection

### AC to DC Adapter

- SCP (short circuit protection)
- OVP (over voltage protection)

## Ordering Information

### Standard

eBOX640-521-FL-DC	Fanless embedded system with LGA1151 8th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H310, HDMI, DisplayPort, 6 USB, 2 COM, M.2 slot and 12/19 to 24 VDC
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### Optional

2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
DDR4 SO-DIMM	4GB to 32GB
	Wall mount kit
	DIN-rail kit
	Wi-Fi module
	3G/LTE module
5095AD24000E	19V/120W power adapter

\* Specifications and certifications may vary based on different requirements.

## Dimensions

